

KOREAN PATENT ABSTRACTS

(11) Publication number: 00240832 B1

(44) Date of publication of specification: 29.10.89

(21) Application number: 970051355

(22) Date of filing: 07.10.97

(71) Applicant: SONG, HO YOUNG STENTECH INC.

(72) Inventor:
 AHN, JEONG HWAN
 AHN, SEONG SUN
 CHOI, SEONG PIL
 KANG, SEONG GWON
 KIM, CHEOL SAENG
 KIM, TAE HYEONG
 LEE, SEOK SUN
 PARK, DONG JIN
 PARK, SANG SU
 SONG, HO YOUNG

(51) Int. Cl.

A61M 25/00

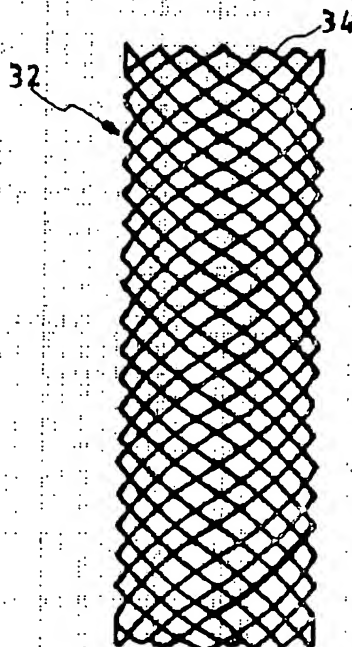
(54) STENT FOR EXPANDING LUMEN IN BODY AND MANUFACTURING METHOD THEREOF

(57) Abstract:

PURPOSE: A stent for expanding a lumen in a body and a manufacturing method thereof are provided to stabilize the structure of the stent, and to achieve good extensibility by manufacturing the stent by using one filament.

CONSTITUTION: A stent(32) for expanding a lumen in a body has a contractible and expandable tube shape. A wall surface of tube shape forms a mesh formed by crossing many spiral filaments each other. Ultimately, the mesh is formed by one long filament. The one filament advances in a spiral along the wall surface of tube shape from a start point on one side of the divided circumference to a point on the other side of the divided circumference. Then, the filament reciprocates between both ends of the wall surface, as well as crosses the both ends of the wall surface to form the mesh. Since the stent is formed by one filament, load is uniformly and wholly distributed although the load is applied to a specific portion. Therefore, the stability of structure is improved. Also, the stent is not attached to the lumen.

COPYRIGHT 2001 KIPO



BEST AVAILABLE COPY